The Aluminum Situation

A Monthly Publication of
The Aluminum Association, Inc., 818 Connecticut Avenue, NW, Washington, DC 20006

Economic Affairs Department 202-862-5100

A0400-1 11/31/82 **November, 1982**

Net Shipments Down 12.3 Per Cent

Net shipments of aluminum ingot and mill products in 9 months of 1982, at an estimated 9,254 million pounds were 12.3% less than shipments of 10,546 million pounds for 9 months of 1981.

Domestic shipments totalled 8,329 million pounds for 9 months of 1982, representing a decline of 12.0% from the 9,462 million pounds shipped in 9 months of 1981.

Exports of 925 million pounds were down 14.7% vs. 1,084 million pounds for 9 months of 1981.

Thru September, 1982

	9 Mos. 1982	9 Mos. 1981	% Change
Mill Products	7,256	8,295	−12.5
Ingot	1,998	2,251	−11.2
Total	9,254	10,546	−12.3
Less Exports	(925)	(1,084)	−14.7
Domestic Total	8,329	9,462	−12.0

Million of Pounds

Source: Latest two months estimated by the Aluminum Association. Previous data—Bureau of the Census.

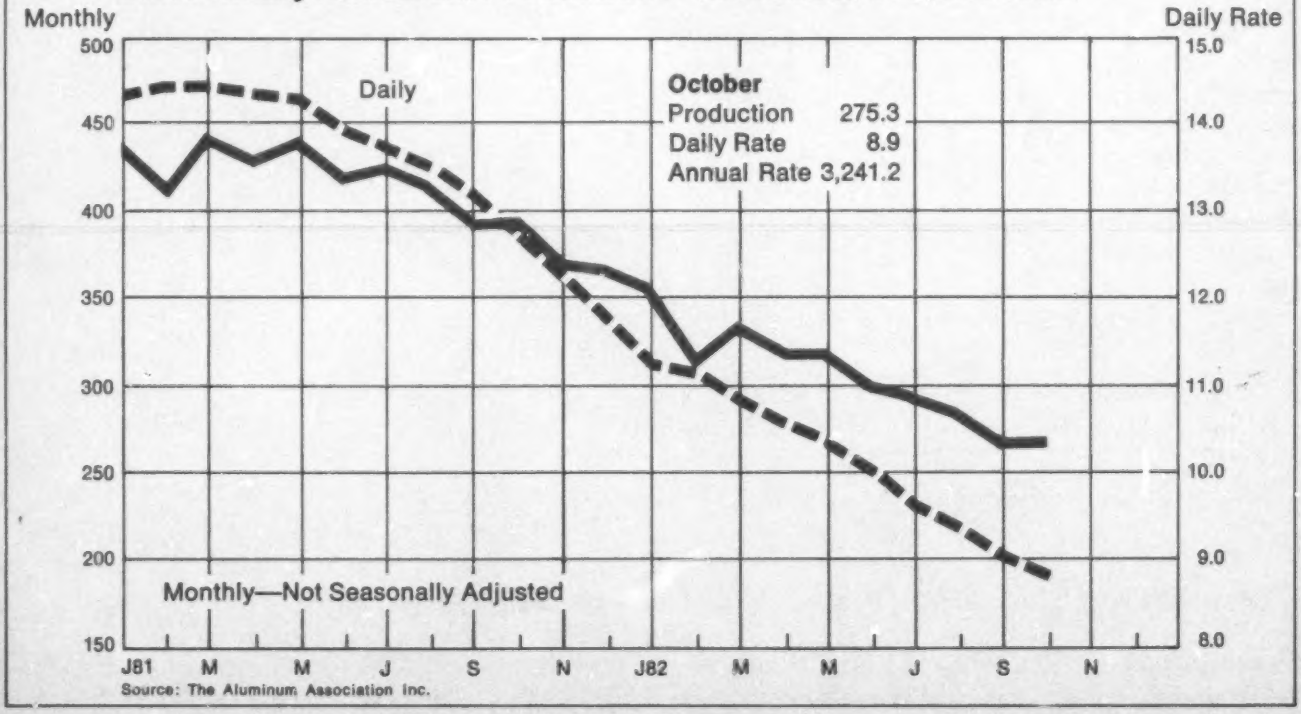
Primary Production Rate Down 30.4 Per Cent

U.S. primary aluminum production averaged 8,880 short tons daily during October, 1982 compared with an average 12,760 tons a day in October, 1981.

The annual rate of production in October, 1982 was 3,241,159 tons, compared to 4,657,453 tons in October, 1981. The September, 1982 production rate was 3,298,955 tons.

Actual production in October, 1982 was 275,277 tons, compared with 271,147 tons in September, 1982.

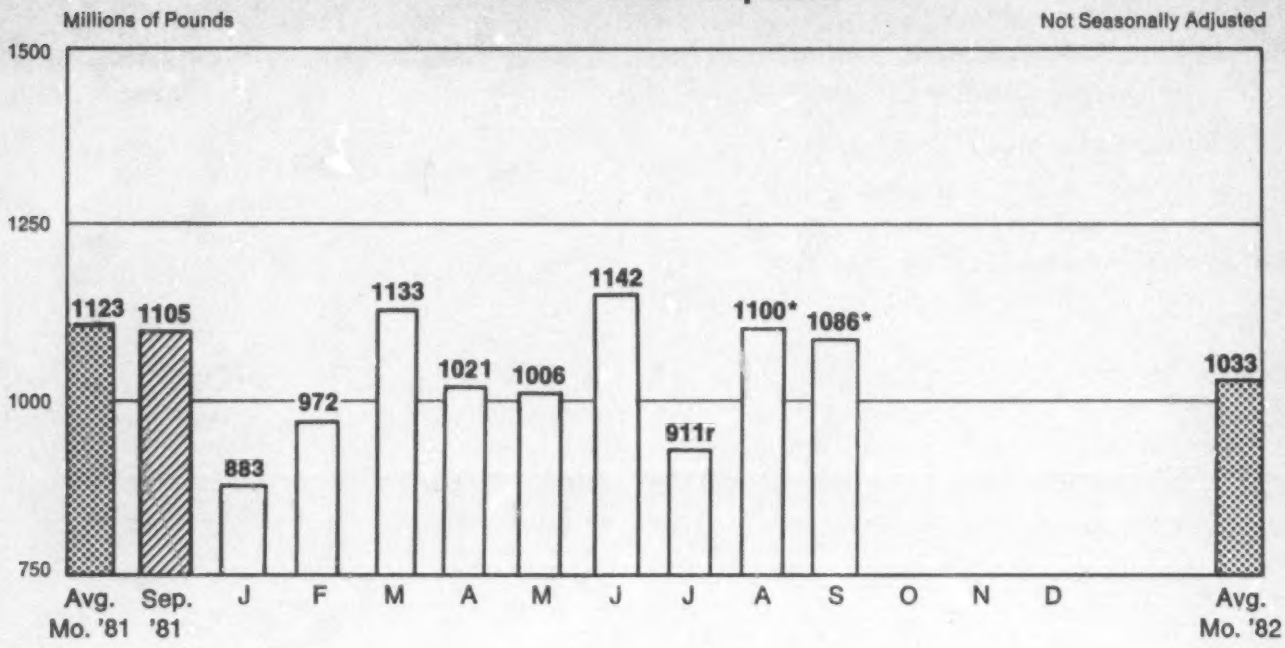
U.S. Primary Aluminum Production—Thousands of Short Tons



Source: The Aluminum Association Inc.

Aluminum Association total industry estimates are based on information reported by members, which is aggregated by the Association and then expanded to total industry data utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. While the Association believes that its statistical procedures and methods are reliable, it does not warrant the accuracy or completeness of the data. All data contained herein are subject to revision.

Total Aluminum Shipments



Net Shipments
(Millions of Pounds)

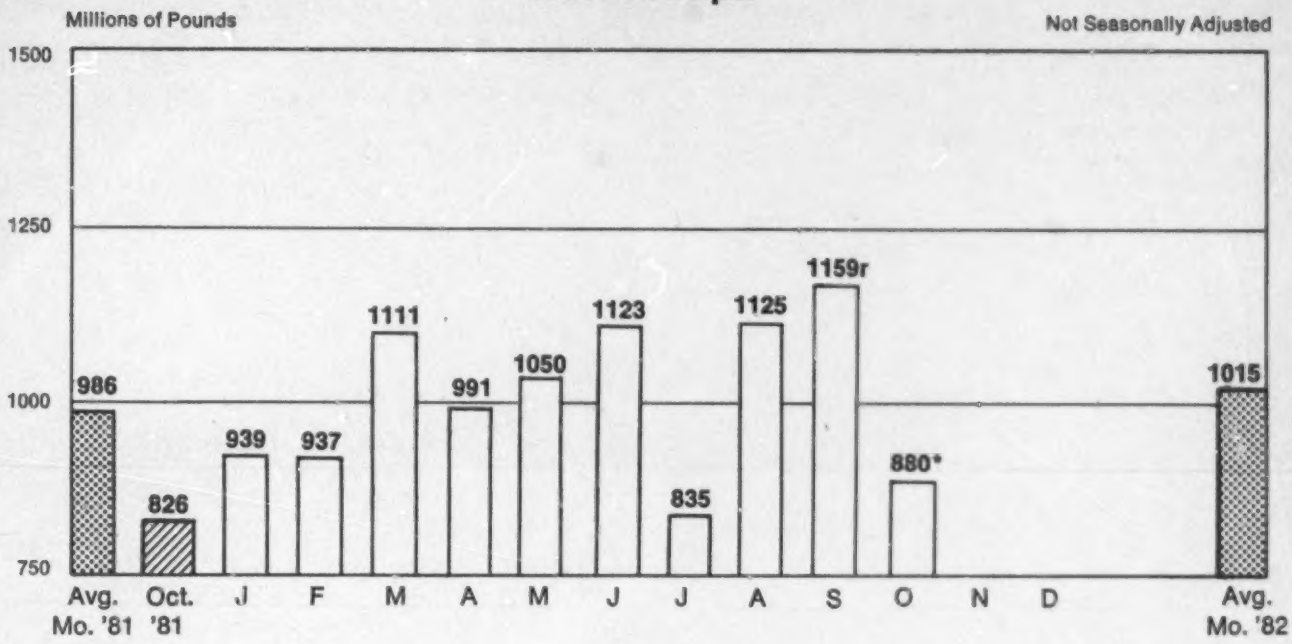
	1982 September*	1982 August*	1981 September	% Change Latest Month 1982 v. 1981
Sheet & Plate	460.0	458.0	512.4	−10.2
Foil	64.0	59.0	67.2	− 4.8
Rod, Bar & Wire	22.0	19.0	26.8	−17.9
Electrical Conductor	51.0	48.0	61.4	−16.9
Extruded Products	160.0	162.0	176.5	− 9.3
Welded Tube	4.0	4.0	4.6	−13.0
Powder & Pigments	7.0	7.0	9.1	−23.1
Forgings & Impacts	8.0	8.0	11.4	−29.8
Net Imports of Mill Products (Total) (a)	30.0	30.0	22.1	+35.7
Total Mill Products	806.0	795.0	891.5	− 9.6
Ingot	280.0(b)	305.0(b)	213.5	+31.1
TOTAL INDUSTRY SHIPMENTS	1,086.0	1,100.0	1,105.0	− 1.7
Exports	(96.3)	(119.6)	(64.6)	+49.1
TOTAL DOMESTIC SHIPMENTS	989.7	980.4	1,040.4	− 4.9

* Latest two months estimated by the Aluminum Association.
Previous data—Bureau of the Census and Department of Commerce.
(a) Not included in product data above.
(b) Sufficient data not available for reliable estimate. Implicit in this item is a 10 to 25% variation.

September Net Shipments Down 1.7 Per Cent vs. September, 1981

Total September net shipments of 1,086 million pounds were down an estimated 1.7% from September, 1981 shipments of 1,105 million pounds. Exports were up 49.1% and domestic shipments down 4.9% versus a year ago.

Order Receipts



Order Receipts
(Millions of Pounds)

	1982* October	1982 September	1981 October	% Change Latest Month 1982 v. 1981
Can Stock	107.1	186.7	166.1	−35.5
Sheet & Plate, Other	217.5	210.6r	202.7	+ 7.3
Foil	53.6	56.7r	72.5	−26.1
Rod, Bar & Wire	11.0	13.1r	10.1	+ 8.9
Electrical Conductor	41.0	32.0r	53.0	−22.6
Extruded Products	160.4	132.5r	137.6	+16.6
Powder & Paste	8.3	8.7r	7.1	+16.9
Forgings & Impacts	6.0	7.7	5.0	+20.0
Domestic Mill Products	604.9	648.0r	654.1	− 7.5
Ingot (Total)	201.6	304.4r	125.3	+60.9
TOTAL DOMESTIC	806.5	952.4r	779.4	+ 3.5
Exports	73.2	207.0r	46.1	+58.8
TOTAL ALL PRODUCTS	879.7	1,159.4r	825.5	+ 6.6

Source: The Association estimates total industry orders, based on weekly reports by members of new orders (less cancellations) received. The Association expands these data to total industry utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. Weekly data are available upon request.

* Latest month.
r-revised.

Order Receipts Up 6.6 Per Cent vs. Year Ago

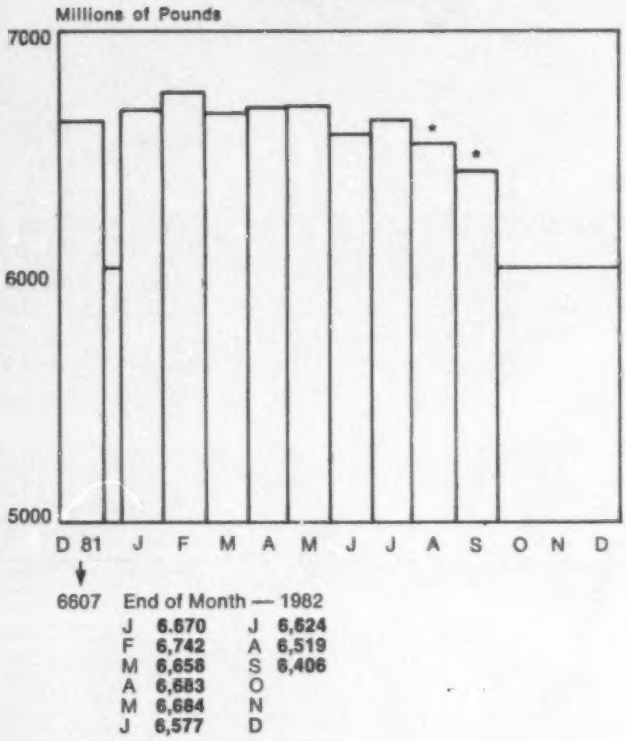
Estimated net new order receipts for October, 1982 of 880 million pounds were up 6.6% over the 826 million pounds for October, 1981. Domestic orders were up 3.5%.

Producers Stocks Drop 113 Million Pounds

Producer inventories decreased an estimated 113 million pounds in September, 1982 from an estimated 6,519 million pounds in August to an estimated 6,406 million pounds.

Integrated producer stocks dropped 107 million pounds, and secondary smelters' stocks declined an estimated 6 million pounds.

Inventories



Producers Inventories
(Millions of Pounds)

Producers	Sep. '82*	Aug. '82*	Sep. '32 vs. Year End '81
Integrateds	5,460	5,567r	−82
Smelters	206	212	−61
Nonintegrated	740	740	−58
TOTAL	6,406	6,519r	−201

* Latest two months estimated by Aluminum Association. Previous data—Bureau of the Census. Inventories include ingot, mill products and scrap. r-revised.

Imports and Exports
(Millions of Pounds)

		1982 September	1982 August	1981 September	% Change Latest Month 1982 v. 1981
Imports	Mill Products	35.4	38.1r	29.6	+19.6
	Ingot	105.6	156.3	121.1	−12.8
	TOTAL	141.0	194.4	150.7	− 6.4
	Scrap (+ dross)	15.0	11.9	13.1	+14.5
Exports	Mill Products	49.2	34.4	46.1	+ 6.7
	Ingot	47.1	85.2	18.5	+154.6
	TOTAL	96.3	119.6	64.6	+49.1
	Scrap	31.5	33.2	44.9	−29.8
Net Imports		+28.2	+53.5	+54.3	−48.1

Source: Department of Commerce, Bureau of the Census. Excludes backed foil.
r—revised.